

TEST BORING REPORT  
RAYMOND INTERNATIONAL INC.

R05-8303-01B  
IL-176-17

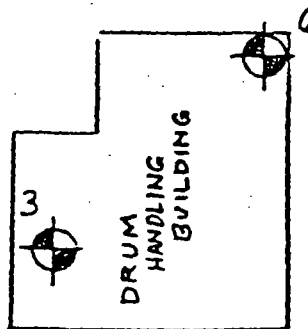
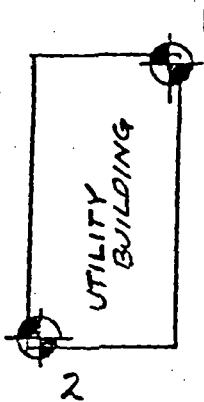
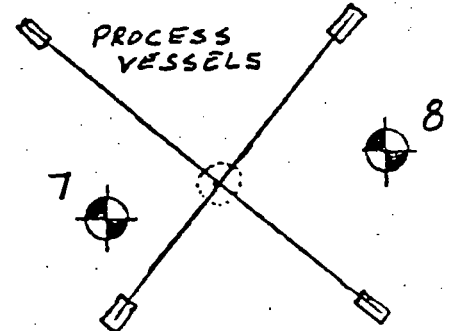
SERVICE CONTRACTS DIVISION  
TWO PENNSYLVANIA PLAZA, NEW YORK, N.Y. 10001

To Straubing, Rubin & Kenes Date October 9, 1983  
Address 15607 Catalina Court - Orland Park, IL 60462

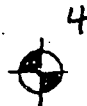
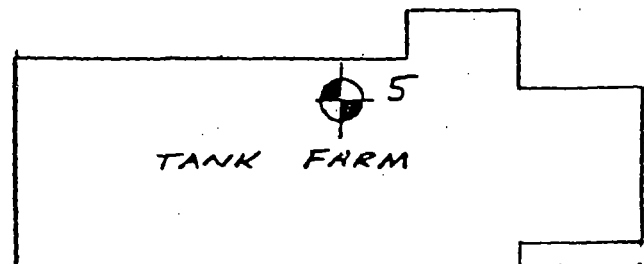
WE HAVE COMPLETED THE FOLLOWING BORINGS FOR YOU AT 117th and South Stony Island

WITH RESULTS SHOWN BELOW. IN ACCORDANCE WITH YOUR INSTRUCTIONS, WE HAVE SENT LABELLED SAMPLES  
THE STRATA ENCOUNTERED

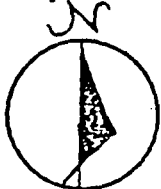
TO \_\_\_\_\_ ADDRESS \_\_\_\_\_  
VIA \_\_\_\_\_ UNDER DATE OF \_\_\_\_\_ RAYMOND CONCRETE PILE DIVISION  
RAYMOND INTERNATIONAL INC. LOCATION PLAN SCALE 1" = 40'



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Compass Points



This boring report prepared in the  
Chicago OFFICE of the  
Service Contracts Division  
RAYMOND INTERNATIONAL INC.

By SM  
Job No. CB-27707-C  
Sheet 1 of 6

## TEST BORING REPORT

## RAYMOND INTERNATIONAL INC.

SERVICE CONTRACTS DIVISION

BORING DEPARTMENT

To: Straubing, Rubin &amp; Kenes

Date October 9, 19 80 Job No. CB-277

Location of Borings 117th &amp; South Stony Island - Chicago, IL

All borings are plotted to a scale of 1" = 8 ft. using ground surface as a fixed datum

No. 1

No.

No. 2

Stone & Slag (fill)		0.0'
Dense slag & stone fill	14-13-16	0.6'
some sands & gray clay		3.0'
	5-6-6	
Med stone bricks & slag		
some muck & sands	4-11-9	7.3'
Med gray very silty		8.5'
clay	10-18-18	
Dense black sandy silt	5-8-9	11.0'
Med grayish black silt	1-2-3	14.5'
Med gray very silty		
clay trace of organic	2-3-4	
		23.0'
Stiff gray silty clay	3-6-8	
	6-8-14	30.0'

Ground surface to 8.0' used 5" casing.  
Water level 9.0' below ground surface upon completion.

Water level 7.0' below ground surface 1/2 hour upon completion.

Start bentonite slurry at 10.0'.

Med brown & gray slag		
crushed stone sand some	4-6-6	
gray clay (fill)		
Loose gray clayey silt	1-3-3	6
some crushed stone		
(fill)		
Med black silty muck	2-3-9	8
Dense black silty muck		
(fill) traces of	12-20-15	
glass	7-12-20	11
Loose black silty		
muck	1-3-2	17
Med gray silty clay	1-2-3	
		24
Med stiff gray clay	3-4-6	
little fine-coarse		
gravel & boulders		27
Very stiff gray silty	4-6-10	
clay		
	7-11-16	36
Dense gray clayey silt		
	12-14-18	44
Very stiff gray silty	9-9-13	47
clay some fine-med		
shale		50
Very stiff hard gray	9-16-17	
silty clay some fine		
-med shale		

Ground surface to 8.0' used 5" casing.  
Water level 7.3' below ground surface upon completion.

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Classifications are made from visual inspection of samples and are our opinion thereof.

Water Levels (WL). Figure indicates time of reading (hours) after completion of boring.

Water levels indicated are those observed when borings were made, or as noted.

Porosity of the soil strata, variations of rainfall, site topography, etc., may cause changes in these levels.

Figures in right hand column indicate number of blows required to drive 2" O.D. sampling pipe six inches using a 140 lb. weight falling 30 inches.

Total Footage 80.0'

Foreman J. Wandersee

Classifications by Foreman

Job No. CB-27707-C

Sheet 2 of 6

## TEST BORING REPORT

**RAYMOND INTERNATIONAL INC.**

SERVICE CONTRACTS DIVISION

BORING DEPARTMENT

To: Straubling, Rubin & Kense Date October 9, 1980 Job No. CB-2770  
 Location of Borings 117th & South Stony Island - Chicago, IL

All borings are plotted to a scale of 1" = 8 ft. using ground surface as a fixed datum

No. <u>3</u>	No. _____	No. <u>4</u>
Slag		0.0'
		3.0'
Med dark gray silt some slag & cinders (oily)	1-1-18 32-21-18 15-25-35	15.5'
Stiff gray silty clay little fine gravel	4-5-8 ST-5 24"	28.5'
Med gray clayey silt little fine gravel	5-9-12 8-13-20 13-19-22	40.0'

Ground surface to 8.0' used 5" casing.  
 Water level 1.0' below ground surface  
 upon completion.  
 Water level 1.5' below ground surface  
 ½ hour upon completion.

Med brown & yellow wood slag & stone fill	15-13-11	0.
Med black sand cynders slag & bricks loose	6-8-15 2-1-18	3.
Med black silt	1-8-12 3-4-2 1-3-4	8.0
Med stiff gray silty clay little fine-med gravel	3-4-7 3-4-5	17.0
Very stiff gray silty clay some fine-med gravel	7-12-16 6-10-12 16-20-21	29.0 40.0

Ground surface to 8.0' used 5" casing.  
 Water level 3.0' below ground surface  
 upon completion.  
 Water level 4.5' below ground surface  
 ½ hour upon completion.

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Total Footage 80.0'Foreman J. WanderseeClassifications by ForemanJob No. CB-27707-CSheet 3 of 6

**RAYMOND INTERNATIONAL INC.**

SERVICE CONTRACTS DIVISION

BORING DEPARTMENT

To: Straubling, Rubin & Kenes Date October 9, 19 80 Job No. CB-2770  
 Location of Borings 117th & South Stony Island - Chicago, IL

All borings are plotted to a scale of 1" = 8 ft. using ground surface as a fixed dat

No. <u>5</u>	No. <u>6</u>
Brown & gray sand clay & gravel (fill)	0.0'
Gray slag (fill)	0.6'
Med black silt some slay cynders & rubble 19-14-12	3.0'
Dense black silt and or ash some rubble (fill) 32-60-83	7.0'
Med gray slag (fill) 7-5-5	11.5'
Very stiff gray silty clay little trace of fine gravel & shale 6-10-10	18.0'
Dense gray clayey silt 5-8-10	32.0'
Hard gray silty clay little fine-med gravel & shale 10-13-15	36.0'
	40.0'

Ground surface to 8.0' used 5" casing.  
 Water level 3.0' below ground surface upon completion.  
 Water level 4.4' below ground surface 1/2 hour upon completion.

Crushed slag	
Dense black ash some slag & rubble (oily) 19-50-31	7
Dense gray silt (oily) 18-21-26	1
Stiff gray silty clay trace of fine gravel 5-6-9	23
Very stiff gray silty clay trace of fine gravel 4-7-12	34
Hard gray clayey silt 18-20-25	38
Hard gray silty clay trace of fine-med gravel 13-15-18	40

Ground surface to 8.0' used 5" casing.  
 Water level 4.5' below ground surface upon completion.

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STATE OF ILLINOISTotal Footage 80.0'Foreman J. WanderseeClassifications by ForemanJob No. CB-27707-CSheet 4 of 6

Classifications are made from visual inspection of samples and are our opinion thereof.

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## TEST BORING REPORT

**RAYMOND INTERNATIONAL INC.**

SERVICE CONTRACTS DIVISION

BORING DEPARTMENT

To: Straubling, Rubin & Kense Date October 9, 19 80 Job No. CB-2770  
 Location of Borings 117th & South Stony Island - Chicago, IL

All borings are plotted to a scale of 1" = 8 ft. using ground surface as a fixed datum

No. 7

No. \_\_\_\_\_

No. \_\_\_\_\_

		0.0'
Med slag ash & cynders & rubble fill	17-18-22	
	4-4-7	
Stiff gray silty clay trace of fine gravel	1-3-5	14.0'
	2-4-6	
	3-5-8	
Dense gray clayey silt	7-15-19	28.5'
	14-16-22	
Very stiff gray silty clay little fine gravel & shale		38.0'
	9-11-13	40.0'

Ground surface to 8.0' used 5" casing.  
 Water level 4.0' below ground surface  
 upon completion.

Water level 3.5' below ground surface  
 1/2 hour upon completion.

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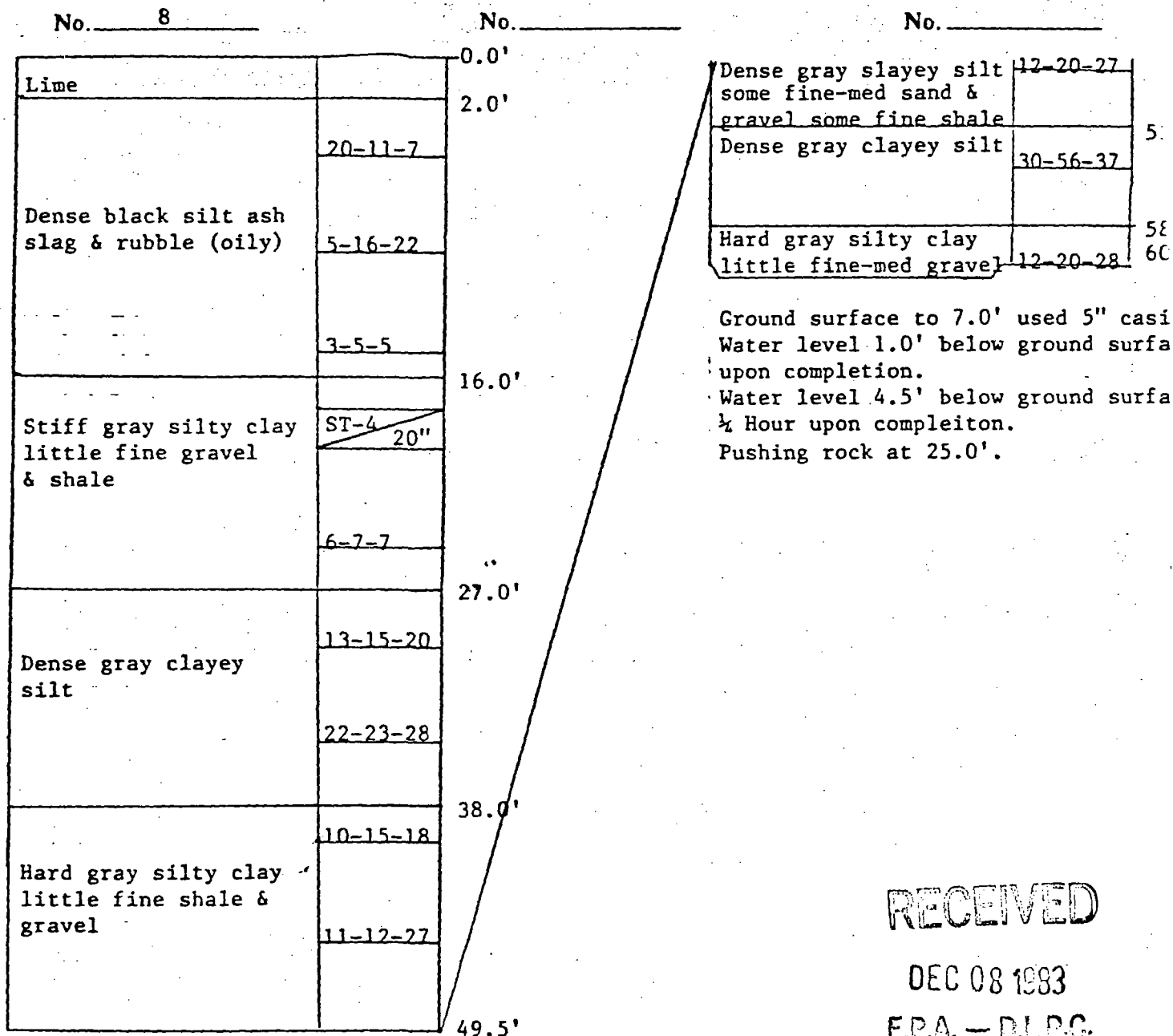
Figures in right hand column indicate number of blows required to drive 2" O.D. sampling pipe six inches using a 140 lb. weight falling 30 inches.

Total Footage 40.0'Foreman J. WanderseeClassifications by ForemanJob No. CB-27707-CSheet 5 of 6

TEST BORING REPORT  
**RAYMOND INTERNATIONAL INC.**  
 SERVICE CONTRACTS DIVISION  
 BORING DEPARTMENT

To: Straubling, Rubin & Kenes Date October 9, 19 80 Job No. CB-2770  
 Location of Borings 117th & South Stony Island - Chicago, IL

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Total Footage 60.0'  
 Foreman J. Wandersee  
 Classifications by Foreman  
 Job No. CB-27707-C  
 Sheet 6 of 6